

2. $\{-9, 10, 14, 75, -90\}$

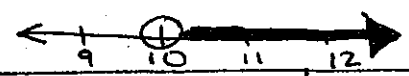
a. $x - 7 > 8 \quad \{75\}$

b. $5x < -20 \quad \{-9, -90\}$

c. $x/3 \geq 30 \quad \{\text{none}\}$

3. $x > 10 \quad 10 < x$

yes. Though read differently they refer to the same solution line.



4.

x is less than or equal to 17	$x \leq 17$
y is greater than -5	$-5 < y$
z is less than 11	$z < 11$
x is greater than or equal to 7	$x \geq 7$

5. $n - 4 > 10$

$+4 \quad +4$

$n > 14$

6. $-5 \geq k - 7$

$+7 \quad +7$

$2 \geq k$

7. $6s \leq 18$

$\div 6 \quad \div 6$

$s \leq 3$

8. $\frac{m}{3} < -2 \cdot 3$

$m < -6$

9. $-9 \geq c + 4$

$-4 \quad -4$

$-13 \geq c$

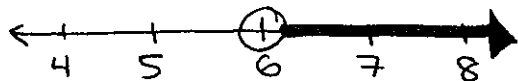
10. $78 < 2x$

$\div 2 \quad \div 2$

$39 < x$

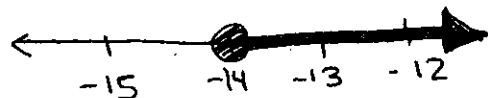
11.
$$\begin{array}{r} V - 9 > -3 \\ +9 \quad +9 \end{array}$$

$$V > 6$$



12.
$$\begin{array}{r} 19 + A \geq 5 \\ -19 \quad -19 \end{array}$$

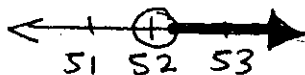
$$A \geq -14$$



13. Let x = total bill

$$\frac{x}{4} > 13$$

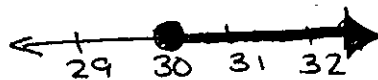
$$x > 52$$



14. Let x = \$ earned through chores

$$5 + x \geq 35$$

$$x \geq 30$$



15.
$$\frac{F}{3} \leq 15$$

$$F \leq 45$$

